

REMARKS

This is in response to the Office Action of January 6, 2006 in which claims 1-22 were rejected.

Claims 1-5, 8 and 10-12

Claims 1-5, 8 and 10-12 are rejected under 35 U.S.C. §102(b) as being anticipated by Lee (US Patent No. 6,067,520).

With the present amendment, claim 1 has been amended to indicate that the class entity dictionary provides the probability of an entity given a class. Lee does not show or suggest a class entity dictionary that provides a probability of an entity given a class. As such, it does not anticipate claim 1 as amended or claims 2-5, 8 and 10-12, which depend therefrom.

Claims 6, 7 and 9

Claim 6, 7 and 9 were rejected under 35 U.S.C. §103(a) as being unpatentable over Lee in view of Hon et al. (US Patent No. 5,852,801, herein after Hon).

Like Lee, Hon also fails to show a probability of an entity given a class. As such, the combination of Lee and Hon does not show this element of claim 1. Since claims 6, 7, and 9 depend from claim 1, these claims 9 are patentable over the combination of Lee and Hon.

Claims 13-21

Claims 13-21 were rejected under 35 U.S.C. §103(a) as being unpatentable over Roberts (US Patent No. 5,765,132) in view of Witschel (US Patent Publication No. 2001/0051868 A1).

Independent claim 13 provides a computer readable medium having computer executable instructions for performing steps that include generating a sequence of words based in part on a class entity dictionary that provides probabilities for entities in at least one class. A modification to the sequence of words is received such that a decoded entity in the sequence of words is modified into a modified entity. A probability of an entity given a class is then set in the class entity dictionary

based at least in part on at least one of the decoded entity and the modified entity.

The combination of Roberts and Witschel does not show or suggest the invention of claim 13 because neither reference shows the step of setting a probability of an entity given a class based on at least one of a decoded entity and a modified entity.

Although Witschel discloses the probability of a word given a class it does not disclose setting such a probability based at least on one of a decoded entity and a modified entity. Instead, Witschel sets the probability of a word given a class based on an unmodified text that was not decoded. As such, it does not suggest how a probability of an entity given a class should be set when a decoded entity is modified into a modified entity. For example, if the probability is not set correctly, the system will continue to make the mistake that caused the decoded entity to be displayed. Witschel does not discuss this problem and since it does not set the probability of an entity given a class based on a decoded entity or a modified entity, it does not suggest how to solve this problem.

Since neither Roberts nor Witschel shows or suggests setting the probability of an entity given a class based on at least one of a decoded entity and a modified entity, their combination does not show or suggest the invention of claim 13 or claims 14-21 which depend therefrom.

Claim 22

Independent claim 22 was rejected under 35 U.S.C. §102(b) as being anticipated by Hon. With the present amendment, claim 22 has been amended.

As amended, claim 22 provides a method wherein a user modification to a sequence of words that was identified based in part on a class-based language model is received. A decoded

segment that has been modified to become a modified segment in the user modification is then identified. A probability for the modified segment given a class is then determined based in part on the decoded segment.

Hon does not show or suggest the invention of claim 22 because it does not show a probability of a segment given a class. As such, claim 22 is patentable over Hon.

Conclusion

In light of the above remarks, claims 1-22 are patentable over the cited art. Reconsideration and allowance of the claims is respectfully requested.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.

Respectfully submitted,

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